#14

SEQUENCE LISTING

<110> Clendennen, Stephanie K.
      Kellogg, Jill A.

<120> MELON PROMOTERS FOR EXPRESSION OF TRANSGENES IN PLANTS

<130> 4257-0025.30

<140> US 09/811,093
<141> 2001-03-16

<150> US 60/190,414
<151> 2000-03-17

<160> 46

<170> PatentIn version 3.1

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gcgtggtcga cggcccgggc tggtaacttt aagagaaatt ggtaaaattc ctagagagaa     180
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9

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ttgtaattaa tataggagaa tgattttaat tctaatgttg tatccatttt cgataaagtt    240

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tgagatttaa gttcaaattc acactaaaac aatcgaaatg tatgcgacaa tcacaatgga    360

aaatacgtat gatgtattcc atcacctttc aagttctaac ctaggatatg ttttggaata    420

tttgagattt attaaattat tcttttatcc gttgacagtt tattttttgt ttaacgatgt    480

atgtaagaaa cgacgaaata tgtgattaaa ccaagatcgc atacaaataa gagctagatc    540

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tcttaagaac ttcaaggtta atttagatct cttaattaaa aaatttcata gataatgcat    660

ccgtgaacaa gaaaaaacat aaagaaccca tggttgtcct aattttttgta gtaaataagc    720

gtagttcaag acacaagtaa gaatgacgtt accacatgtt aatctagatt ccaaaacttg    780

agcttgagag cacgttacga aaataatcta cgaaaacgag taagtcgtct aagttcgttt    840

tcgtttattt gacacgtaag atactcgtat tgaaagaaga cgaaaaatgg aaaaaagtaa    900

agaaggtaag gaggtgggtg agtccaaagg aaacatacca aattcatgca agaactatga    960

gattcagaaa ttaagagaaa agtgtggaaa tcatgtaact aaatttaaaa tacatatagg   1020

tactattttc tttccttttc tattgaaaca aagagaccaa gggggaatta gggtatatgg   1080

cattggcaga cataaaaata ataaagttaa atcaaattgg gtcccaaact caccaaagag   1140

gaaattcagt gttgaataaa gccaattagc caaagccaaa gccaaagcca cctcctctct   1200

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attttatctt cttcttcttc ttcttcttct tcttcttctt cttcttcttc ttcttcttct   1320

ttttttaatc aatttcttcc cactttccaa tcctaaataa atttcactat aaatacccct   1380

tcattataac ttgatccaac acacccacca accaaaaaca aaaccttgat accaaagagt   1440

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agttaaataa agtgtcgtag acgaccatca ttcttaatcc atttgtactt atcaaatttg   180

tatctgagat ttaagttcaa attcacacta aaacaatcga aatgtatgcg acaatcacaa   240

tggaaaatac gtatgatgta ttccatcacc tttcaagttc taacctagga tatgttttgg   300

aatatttgag atttattaaa ttattctttt atccgttgac agtttatttt ttgtttaacg   360

atgtatgtaa gaaacgacga aatatgtgat taaaccaaga tcgcatacaa ataagagcta   420

gatcctaaag atatataaaa gtatgatcaa caacgtacaa aacgtttctt ttcgatgata   480

attatcttaa gaacttcaag gttaatttag atctcttaat taaaaaattt catagataat   540

gcatccgtga acaagaaaaa acataaagaa cccatggttg tcctaatttt tgtagtaaat   600

aagcgtagtt caagacacaa gtaagaatga cgttaccaca tgttaatcta gattccaaaa   660

cttgagcttg agagcacgtt acgaaaataa tctacgaaaa cgagtaagtc gtctaagttc   720

gttttcgttt atttgacacg taagatactc gtattgaaag aagacgaaaa atggaaaaaa   780

gtaaagaagg taaggaggtg ggtgagtcca aaggaaacat accaaattca tgcaagaact   840

atgagattca gaaattaaga gaaagtgtg gaaatcatgt aactaaattt aaaatacata   900

taggtactat tttctttcct tttctattga aasraagaga nnaagggggga attagngtat   960

atggcattgg cagacataaa aataataaag ttaaatcaaa ttgggtccca aactcaccaa   1020

agaggaaatt cagtgttgaa taaagccaat tagccaaagc caaagccaaa gccacctcct   1080

ctctttccca catacatgca tgaaatttca tgggcccatt ctttttatca tcacattttt   1140

aataatttta tcttcttctt cttcttcttc ttcttcttct tcttcttctt cttcttcttc   1200

ttctttttt aatcaatttc ttcccacttt ccaatcctaa ataaatttca ctataaatac   1260

cccttcatta taacttgatc caacacaccc aggatccatt attagagatt gagccatgg   1319

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actatagggc acgcgtggtc cacggcccgg gctggtaact agaagctaaa ggacgacgtc       180

aacataatta aaattactcc aagataatta aaattaaaaa tatcttatat tttatggcgt       240

tacatcttcc tttcctcttc ttcttttttc tgctgcgatt tcttcccatc tatttcttct       300

tttactctta tttttttctt tacattgttt agatttgggt aaccaaatct gatttctttc       360

tatcgtcttt cttctttttc tctttttttt tccgctgcga tttcttccca ttgtctatcg       420

tttttttcctc tttttttttt tacatcgtaa ccaaatctaa aagatcgtat ataaagaatc       480

ttcaaaaaaa aaaattgttt agattggagt agccaaattt aaacaatcgc gtaaaaaaaa       540

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tcaaatctaa acaattgtat aaccaaatta aacgatagaa ttgaaataat aaatcggtta       660

gatttggcta tccaaattta aatgaccaaa tctaaacgat cgtataccaa atctaaacga       720

tcgkatacca aatctaaatg atcatgtacc aaatatatta tgcacattgt tggcagggtg       780

gttgacggaa cattttgtat attttctatt atgggtttgt agaatttttt cattttcgaa       840

attgttctat acaatataaa tataaatatt ttaccacttc gttatatttt cgaaaagacc       900

ccttaaataa attgaattcg catataatta aaattttttc ccaaaaaaag tagactatgt       960

ctatctaaaa atttgattcc aatatagaa caaattctca aaatgaacaa acatttgaaa      1020

ttctcgatat agaaaacatt tacttatttt gaattgggac atattccaaa gtttattcca      1080

aacgtaactt tgaaggaaaa gttgattgag attacatcca tattttgtt tttcatattg      1140

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tttatataac attttaataa ctaaatgatg tgacacacac taatattatt tttatccaaa      1500

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caacaacttt gtgtataaaa agggcaagaa attaagcatt atcgtgtgag ccactttttc      1680
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12

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atgtaggtgt cgggagatgc tacctatctg ctgatgttgg tttctttctt tgaaagatac         240

tctcctgact ttttagttgt tgcatctaga gatgtcctct attattttga cacctttct          300

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ccacaagacg gccagtgtga gtagttccac gacctcatgt ttgtagtcca cggtagagct        1020

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cgatgcgtta gcttcaaaag tggaatgaat gtgaaagttc atagaagaca tgagtcgggc        1140

acagtaagga ccacaacatt atctttagct ttgcgatacg tatanntatt tccattattc        1200
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13

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ttacatttct tgaatttctt tgtattatga agatttaatt ttttgttgaa tttttgtttg   1440

tattttgtaa tttactaatt tattttaaat tttctttaat tgaatcgata acgaatgcaa   1500

atattttacg aaaaaaactt ataggaaaat atttcaaaaa aataaaaaat tacatattta   1560

aaatattttt cgacgcatta catatgtgga aaatatggtg caaacatcac atcggggatg   1620

gttattaccg acgcatgaat gacaccgaat atataaacgt aaggaatagt tattcctgac   1680

gcataactgc tgtcggaact gtggaagtta gttctcgaca ttattaacac ttacgtcgac   1740

gtttttatgc atcgggagtc gctccacttc ttgtagtgaa gaaattttgc ctataatgtc   1800

ggtttaaaac cgacattaaa ggccaaattt cttctagtgc ataatcaata tmcaaaagtt   1860

caattccaaa aattacattt ctctagaaat tccgtgtgaa caattgtcat aaaggtttta   1920

agtgaattga aaatttcaaa acgtaattgg attaagcgag aaaattattt taatcaccat   1980

tcaaaagtta ttaacaatga aaaatatgga agataagatt tcaaaattac gtaatttact   2040

tctacgtttc tttctttccc ctttagtaac ttcactcata tctttatata cgttccatcc   2100

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<213>    Artificial Sequence

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tatagggcac gcgtggtcga cggcccgggc tggtaaattt tgaaaagtta ggagatattt    180

tttacatata agagatattt tttataatgt aacatttttt ttactagacg gttgagtcga    240

gttaggttaa agaaaggaaa actataaaat aattttttaat tattaaatac ataaacaata    300

ctttgtattc tatattaatt aaaatgacta ttgaattgtt aagatgtagg tatctaagga    360
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14

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caagaagtct cgagttcaaa tcttaacct caaaatatac tgcaagatag taactaatga      420

attatatttg actaaatcat gtagcaaaag aaaatcaaat ttatcatgtt aaatatggtc      480

aagccggagc attaacaaca acaattcata tttgtggttg atagtacttg actagaattt      540

agagagtact tgactagaat aaaaattggg ggacccacta cgacgtcagc ttgccttgct      600

tagcaattaa gctatcacct cttagtctat agcttcgtgc gctgcattaa acggtattct      660

cacacttttc ttttcttttt accgcacccg tccggttaat ggctccccca ctttttacct      720

tccccgaatc cacgccagtt gccaacatgc gaagcagcaa gtacaatatt gtcattttgc      780

attaaccaaa atgacacgtc ggatgtcatt tatgtaatta agctacaaag ccacggttag      840

tttccgaacc cccacgatcc agtacttacg tgtctcctat aaatcttaga agcaacgtct      900

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ttttcccggc accgactatg gcctc                                           985


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<220>
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cttgcagaag atggaggaag agaattttta gaaattgaac tgaaatagac ttaattatta      180

aaaatcaaaa gaaaaatggt gccaacaaag gtgactaaga gtgtaatgaa ttggaattag      240

aactttcctt ctgtatagat ataattgatg ttttccttaa ctttattttt atggtggtta      300

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15

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16

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